

IV Solutions

for Fluid and Electrolyte Replacement
& Maintenance



freeflex®



The background image shows a robotic arm in a pharmaceutical manufacturing facility. The arm is positioned above a conveyor belt that carries multiple clear plastic IV bags. Each bag has a blue cap and a white label. The scene is brightly lit, and the overall atmosphere is clean and industrial.

Trust in Our Experience

Fresenius Kabi is a global health care leader with more than 100 years of experience in injectable drugs, IV solutions, transfusion technologies and nutrition products.

While our IV therapy products have been made in our global network for decades, we recently added a fully automated, vertically integrated plant in Wilson, NC - to help ensure supply reliability, sustainability and responsiveness in the U.S.

Aspects of IV Fluid Stewardship

Resuscitation ¹	Replacement ¹	Maintenance ¹	Maintain Normovolemia ²
Restore and maintain the circulation and function of vital organs	Replacement of daily maintenance requirements plus abnormal losses of fluid and electrolytes	Provide sufficient water and electrolytes to maintain normal status of body fluid compartments, and sufficient water to enable kidney function	Maintain a normal blood volume

Other Specialty - Additional solutions with specific needs beyond fluid and electrolyte management, e.g. Sterile Water for Injection*.

*Not for intravenous use.

Please refer to the product's package insert for their approved uses and use as required by the clinical condition of the patient.

Experience the freeflex[®] Difference

For your IV Solution needs, turn to Fresenius Kabi. As a leader in innovation, our full portfolio of products features our unique **freeflex**[®] bag technology - designed in collaboration with pharmacists, technicians and nurses - that may help clinicians deliver infusions safely and efficiently.

- 1 Not Made with PVC or DEHP** - One IV bag platform can be used across a facility for a broad clinical application.
- 2 Administration Port with Integrated Flow Stop** - Helps prevent free flow from IV bag upon unexpected removal of spike from administration port.
- 3 Leak Prevention** - Both **freeflex** ports feature a self-sealing membrane to help prevent leaks after removal of needle or spike, potentially reducing risk of hazardous drug exposure.
- 4 Sterility Protection** - Both ports contain easy break-off caps, providing visual tamper evidence and to help ensure sterility prior to first use.
- 5 Needlestick Prevention** - Semi-rigid ports may help prevent needlesticks during drug injection.
- 6 Peel-open Film Overwrap** - Clear, easy-to-open overwrap allows for bag inspection prior to opening.

1. Lobo D N, Lewington A J P, Allison S P. Basic Concepts of Fluid and Electrolyte Therapy: Prescription and Administration. Die Deutsche Bibliothek; 2013.
2. normovolaemia. (n.d.) Miller-Keane Encyclopedia and Dictionary of Medicine, Nursing, and Allied Health, Seventh Edition. (2003). Retrieved June 19, 2023, from <https://medical-dictionary.thefreedictionary.com/normovolaemia>.



For Drug Reconstitution and Admixture, check out our unique freeflex®+ with Luer Lock for needleless drug addition.



A Broad Portfolio of IV Solutions

We offer a comprehensive portfolio of products to help meet your fluid and electrolyte clinical needs. For added shelf life, more than 70% of our products have 36-month expiry and growing.

- Electrolyte Solutions
- Lactated Ringer's
- Sodium Chloride Solutions
- Dextrose Solutions
- Mixed Dextrose-Sodium Chloride Solutions
- Potassium Chloride Solutions
- Sterile Water for Injection*

*Not for intravenous use



Fresenius Kabi is one of the largest manufacturers of IV bags in the world with **1.4 billion units of IV fluids sold annually**.



**FRESENIUS
KABI**

Together, We Can Care Better

Get to know our full line of IV Therapy products.



An expanding line of irrigation solutions featuring **soluflex** irrigation bags and irrigation sets.



Fresenius Kabi offers a full line of IV therapy **hardware, consumables** and **associated accessories**.



Engineered from the ground up to leverage the power of the digital age, **Ivenix** system is designed with safety in mind.



Agilia Connect integrated system of pumps, software, sets, accessories and services.



Our **parenteral nutrition** products are used to help care for critically ill and chronically ill patients in hospitals, long-term care facilities and at home.



We focus on transforming historic breakthroughs in science and health care into **essential medicines**.



For more information or to place an order, contact your IV Therapy Sales Representative or call Customer Service at 1.888.386.1300 | www.freeflexivbags.com



Fresenius Kabi USA, LLC
Three Corporate Drive
Lake Zurich, IL 60047
Phone: 1.888.386.1300
www.fresenius-kabi.com/us

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